



# IRS-1 (phospho-Ser318) rabbit pAb

Cat No.:ES15425

For research use only

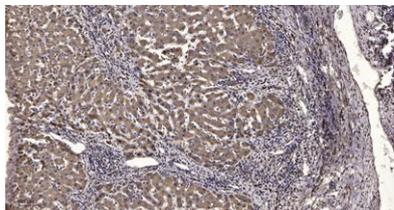
## Overview

<b>Product Name</b>	IRS-1 (phospho-Ser318) rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000;IHC-p 1:50-300
<b>Immunogen</b>	Synthesized phospho peptide around human IRS-1 (Ser318)
<b>Specificity</b>	This antibody detects endogenous levels of Human Mouse IRS-1 (phospho-Ser318)
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	IRS-1 (Ser318)
<b>Gene Name</b>	IRS1
<b>Cellular localization</b>	nucleus,cytoplasm,cytosol,plasma membrane,insulin receptor complex,caveola,intracellular membrane-bounded organelle,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	170kD
<b>Human Gene ID</b>	3667
<b>Human Swiss-Prot Number</b>	P35568
<b>Alternative Names</b>	Insulin receptor substrate 1 (IRS-1)
<b>Background</b>	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009],





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Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).



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